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PTO/SB/01 (12-97)

Approved for use through 9/30/00. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) <input type="checkbox"/> Declaration Submitted with Initial Filing OR <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	Attorney Docket Number	103.1030.01
	First Named Inventor	Henk J. Bots
	COMPLETE IF KNOWN	
	Application Number	09 / 561,435
	Filing Date	April 28, 2000
	Group Art Unit	Not Yet Assigned
	Examiner Name	Not Yet Assigned

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

System To Limit Memory Access When Calculating Network Data Checksums

the specification of which (Title of the Invention)

☐ is attached hereto
OR
☒ was filed on (MM/DD/YYYY) **April 28, 2000** as United States Application Number or PCT International Application Number **09/561,435** and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	
		<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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PTO/SB/01 (12-97)
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DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☐ Customer Number

OR

☐ Registered practitioner(s) name/registration number listed below

Place Customer
Number Bar Code
Label here

Name	Registration Number	Name	Registration Number

☐ Additional registered practitioner(s) named on supplemental

information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☒ Customer Number or Bar Code Label

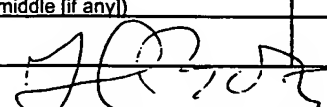
22883

OR ☐ Correspondence address below

Name					
Address					
Address					
City		State		ZIP	
Country		Telephone		Fax	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor: ☐ A petition has been filed for this unsigned inventor

Given Name (first and middle (if any))		Family Name or Surname			
Henk J.		Bots			
Inventor's Signature				Date	5/17/00
Residence: City	Sunnyvale	State	CA	Country	USA
Post Office Address	495 East Java Avenue				
Post Office Address					
City	Sunnyvale	State	CA	ZIP	94089
				Country	USA

☐ Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

Please type a plus sign (+) inside this box→ ☐

PTO/SB/81 (11-96)
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**POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT,
NOT ACCOMPANYING
APPLICATION**

Application Number	09/561,435
Filing Date	April 28, 2000
First Named Inventor	Henk J. Bots
Group Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	103.1030.01

I hereby appoint:

☒ Practitioners at Customer Number

22883

P.
N.
L.
22883

OR

☐ Practitioner(s) named below:

PATENT TRADEMARK OFFICE

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number.

OR

<input type="checkbox"/> Firm or Individual Name					
Address					
Address					
City		State		ZIP	
Country					
Telephone		Fax			

I am the:

☐ Applicant.

☒ Assignee of record of the entire interest
Certificate under 37 CFR 3.73(b) is enclosed

SIGNATURE of Applicant or Assignee of Record

Name	Francine B. Bellet, Corporate Counsel
Signature	<i>Francine B. Bellet</i>
Date	7/10/00

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PTO/SB/96(6-98)

Approved for use through 09/30/2000. OMB 0651-0031
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Henk J. BotsApplication No./Patent No.: 09/561,435 Filed/Issue Date: April 28, 2000Entitled: System to Limit Memory Access when Calculating Network Data ChecksumsNetwork Appliance, Inc., a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

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3. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE:] A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

7/10/00
Date

Francine B. Bellet
Signature

Francine B. Bellet

Typed or printed name

Corporate Counsel

Title

COPY

22883

103.1030.01

ASSIGNMENT

WHEREAS, I, Henk J. Bots, a citizen of the United States, residing at Sunnyvale, California, have invented a "System To Limit Memory Access When Calculating Network Data Checksums" for which we have executed application papers for a U.S. patent thereon, which was filed on April 28, 2000, Serial No. 09/561,435; and

WHEREAS, Network Appliance, Inc. a California corporation, having a place of business at 495 East Java Avenue, Sunnyvale, CA 94089 is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and in all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, I, Henk J. Bots, do sell, assign, transfer and set over unto the said Network Appliance, Inc., its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all letters patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Network Appliance, Inc., its successors and assigns, in accordance with this Assignment.

WITNESS OUR HAND at Santa Clara CA, this 17th day of May, 2000.



Henk J. Bots



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MAY 24, 2000

PTAS

SWERNOFSKY LAW GROUP
JOHN C. MERCHANT
P.O. BOX 390013
MOUNTAIN VIEW, CA 94039-00

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RECORDATION DATE: 05/23/2000

REEL/FRAME: 010650/0575

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BOTS, HENK J.

DOC DATE: 05/17/2000

ASSIGNEE:

NETWORK APPLIANCE, INC. A
CORPORATION OF CALIFORNIA
495 EAST JAVA DRIVE
SUNNYVALE, CALIFORNIA 94089

SERIAL NUMBER: 09561435

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

SONYA JOHNSON, EXAMINER

INIT	SLG
	DATA OK
	NEED CORR

CTS
b

ASSIGNMENT DIVISION

OFFICE OF PUBLIC RECORDS

05/23/2000

FORM PTO-1619A
Expires 06/30/00
OMB 0611-0027700000889
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Patent and Trademark Office
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PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

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Security Agreement



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Change of Name



Merger



Other

U.S. Government

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Departmental File



Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1) Bots, Hank J.

Execution Date
Month Day Year
05 17 00

Name (line 2)

Second Party

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) Network Appliance, Inc.

☐ If document to be recorded
is an assignment and the
receiving party is not
domiciled in the United
States, an appointment
of a domestic
representative is attached.
(Designation must be a
separate document from
Assignment.)

Name (line 2) a Corporation of California

Address (line 1) 495 East Java Drive

Address (line 2)

Address (line 3) Sunnyvale

CA

94089

City

State/Country

ZIP Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name John C. Merchant

Address (line 1) Swernofsky Law Group

Address (line 2) P.O. Box 990013


Address (line 3) Mountain View, CA 94039-0013

Address (line 4) United States

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FORM PTO-1619B <small>Expires 05/30/00 OMB 0601-0027</small>		Page 2	<small>U.S. Department of Commerce Patent and Trademark Office</small> PATENT
Correspondent Name and Address		Area Code and Telephone Number 850.947.0700	
Name John C. Merchant		Reg. No 45,996	
Address (line 1) Swernofsky Law Group			
Address (line 2) P.O.Box 390013			
Address (line 3) Mountain View, CA 94039-00			
Address (line 4) United States			
Pages	Enter the total number of pages of the attached conveyance document including any attachments.		# 4
Application Number(s) or Patent Number(s)			
<small>Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).</small>			
Patent Application Number(s)		Patent Number(s)	
09561435			
			
			
<small>If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.</small>			
<small>Month Day Year</small> 			
Patent Cooperation Treaty (PCT)			
Enter PCT application number		PCT 	PCT
only if a U.S. Application Number has not been assigned.		PCT 	PCT
Number of Properties			
Enter the total number of properties involved.		#	1
Fee Amount			
Fee Amount for Properties Listed (37 CFR 3.41):		\$	40.00
Method of Payment:		Enclosed <input type="checkbox"/>	Deposit Account <input checked="" type="checkbox"/>
Deposit Account			
<small>(Enter for payment by deposit account or if additional fee can be charged to the account.)</small>			
Deposit Account Number:		#	50-0365
Authorization to charge additional fees:		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Statement and Signature			
<i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.</i>			
John C. Merchant			
Name of Person Signing		Signature	Date 5-23-00

ASSIGNMENT

WHEREAS, I, Henk J. Bots, a citizen of the United States, residing at Sunnyvale, California, have invented a **"System To Limit Memory Access When Calculating Network Data Checksums"** for which we have executed application papers for a U.S. patent thereon, which was filed on **April 28, 2000**, **Serial No. 09/561,435**; and

WHEREAS, Network Appliance, Inc. a California corporation, having a place of business at 495 East Java Avenue, Sunnyvale, CA 94089 is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and in all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, I, Henk J. Bots, do sell, assign, transfer and set over unto the said Network Appliance, Inc., its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all letters patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Network Appliance, Inc., its successors and assigns, in accordance with this Assignment.

WITNESS OUR HAND at Santa Clara, CA, this 17th day of May, 2000.



Henk J. Bots